



# National Weather Service

## Storm Data and Unusual Weather Phenomena



January 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### SOUTH DAKOTA, West

SDZ001>002-012>014-024>025-028-031>032-043>044-046>047-049      Harding - Perkins - Butte - Meade Co. Plains - Ziebach - Northern Black Hills - Northern Foot Hills - Central Black Hills - Pennington Plains - Haakon - Jackson - Bennett - Mellette - Todd - Tripp

04	0000MST	0	0	Blizzard
05	1200MST			

A mix of wintry precipitation changed to all snow. Across the plains of western South Dakota, two to six inches of snow fell with Harding and Perkins counties being the hardest hit. Up to nine inches fell in the central and northern Black Hills. Strong northwest winds, frequently to 40 mph, caused near zero visibility in blowing and drifting snow. Most roads, along and north of Interstate 90 and in the northern Black Hills, were closed or blocked by drifted snow. Numerous auto accidents and isolated power outages were reported.

SDZ001>002-012>014-024>026-030>032-042>044-046>047-049      Harding - Perkins - Butte - Meade Co. Plains - Ziebach - Northern Black Hills - Northern Foot Hills - Central Foot Hills - Custer Plains - Pennington Plains - Haakon - Shannon - Jackson - Bennett - Mellette - Todd - Tripp

09	0400MST	0	0	Blizzard
10	2000MST			

A surge of arctic air with 40 to 60 mph winds created deadly wind chill indices to 80 below. Snowfall amounts were light over the plains, but winds lifted snow already on the ground resulting in zero visibility. Most roads, including Interstate 90, were closed along and north of a line from Belle Fourche to Wall to Winner. Heavy snow occurred in the northern Black Hills with a maximum of 12 inches near Lead. Numerous automobile accidents and scattered power outages were reported.

SDZ001>002-012>014-024>032-041>044-046>047-049      Harding - Perkins - Butte - Meade Co. Plains - Ziebach - Northern Black Hills - Northern Foot Hills - Central Foot Hills - Southern Foot Hills - Central Black Hills - Southern Black Hills - Custer Plains - Pennington Plains - Haakon - Fall River Co. - Shannon - Jackson - Bennett - Mellette - Todd - Tripp

09	1200MST	0	0	Extreme Cold
12	1200MST			

Arctic air lowered temperatures into the ten to 30 below zero range for overnight lows with highs remaining below zero. A persistent northwest wind produced wind chill indices from 30 to 70 below zero through the period. The bitter cold made digging out from the recent blizzard difficult. Also, the cold contributed to damage and loss of livestock.

SDZ001>002-012>014-024>025-031>032-043      Harding - Perkins - Butte - Meade Co. Plains - Ziebach - Northern Black Hills - Northern Foot Hills - Pennington Plains - Haakon - Jackson

15	0300MST	0	0	Blizzard
16	1200MST			

### WYOMING, Northeast

WYZ054>058      Gillette - South Campbell - Moorcroft - Wyoming Black Hills - Weston

04	0000MST	0	0	Blizzard
	1800MST			

Three to five inches of snow combined with 40 mph winds created hazardous travel conditions. Visibility was near zero at times with blowing and drifting snow.

WYZ054>058      Gillette - South Campbell - Moorcroft - Wyoming Black Hills - Weston

09	0200MST	0	0	Blizzard
10	0600MST			

Two to eight inches of snow combined with 50 mph winds to reduce visibilities to zero. Along with hazardous travel conditions, wind chill indices dropped to 60 below zero.

WYZ054>058      Gillette - South Campbell - Moorcroft - Wyoming Black Hills - Weston

09	1200MST	0	0	Extreme Cold
12	1200MST			

Arctic air brought temperatures into the 15 to 35 below zero range for overnight lows with daytime highs only near zero. Persistent northwest winds kept wind chill indices between 30 and 60 below zero through the period.



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January 1997

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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	